

Figure 1

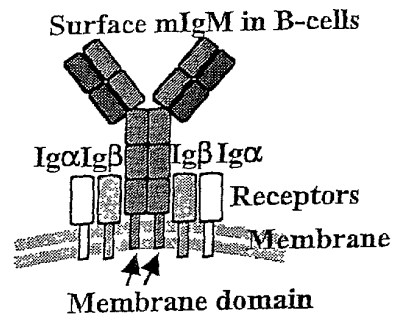


Figure 2

A

Ig α -1S (sense oligo for Ig α containing and SpeI and HindIII cloning sites)

5' TAG TGA ACT AGT AAG CTT GCC ACC ATG CCA GGG GGT CTA GAA GCC CTC A
 3'

Ig α -221A (antisense oligo for Ig α containing EcoRI and ClaI cloning sites)

5' GTC TAG ATC GAT GAA TTC TCA TGG CTT TTC CAG CTG GGC ATC 3'

Ig β -1S (sense oligo for Ig β containing SpeI and HindIII cloning sites)

5' TAG TGA ACT AGT AAG CTT GCC ACC ATG GCC ACA CTG GTG CTG TCT TCC
 ATG 3'

IgB-229A (antisense oligo for Ig β containing XhoI and ClaI cloning sites)

5' GTC TAG ATC GAT CTC GAG TCA TTC CTG GCC TGG ATG CTC TCC TAC CGA 3'

B.

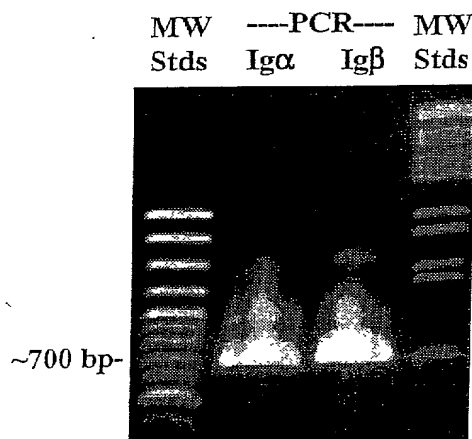


Figure 3

p3.1NeoIg_ Length: 681

Translation

HindIII Signal M P G G L E A L R A L P L
AAGCTT GCCACC ATG CCA GGG GGT CTA GAA GGC CTC AGA GGC CTG CCT CTC

L L F L S Y A C L G P G C Q A L R
CTC CTC TTC TTG TCA TAC GGC TGT TTG GGT CCC GGA TGC CAG GGC CTG CGG

V E G G P P S L T V N L G E E A R
GTA GAA GGG GGT CCA CCA TCC CTG ACG GTG AAC TTG GGC CAG GAG GGC CGC

L T C E N N G R N P N I T W W F S
CTC ACC TGT GAA AAC AAT GGC AGG AAC CCT AAT ATC ACA TGG TGG TTC AGC

L Q S N I T W P P V P L G P G Q G
CTT CAG TCT AAC ATC ACA TGG CCC CCA GTG CCA CTG GGT CCT GGC CAG GGT

T T G Q L F F P E V N K N H R G L
ACC ACA GGC CAG CTG TTC TTC CCC GAA GTA AAC AAG AAC CAC AGG GGC TTG

Y W C Q V I E N N I L K R S C G T
TAC TGG TGC CAA GTG ATA GAA AAC AAC ATA TTA AAA CGC TCC TGT GGT ACT

Y L R V R N P V P R P F L D M G E
TAC CTC CGC GTG CGC AAT CCA GTC CCT AGG CCC TTC CTG GAC ATG GGG GAA

G T K N R I I T A E G I I L L F C
GGT ACC AAG AAC CGC ATC ATC ACA GCA GAA GGG ATC ATC TTG CTG TTC TGT

A V V P G T L L L F R K R W Q N E
GCA GTG GTG CCA GGG ACG CTG CTG CTA TTC AGG AAA CGG TGG CAA AAT GAG

K F G V D M P D D Y E D E N L Y E
AAG TTT GGG GTG GAC ATG CCA GAT GAC TAT GAA GAT GAA AAT CTC TAT GAG

G L N L D D C S M Y E D I S R G L
GGC CTG AAC CTT GAT GAC TGT TCT ATG TAT GAG GAC ATC TCC AGG GGA CTC

Q G T Y Q D V G N L H I G D A Q L
CAG GGC ACC TAC CAG GAT GTG GGC AAC CTC CAC ATT GGA GAT GGC CAG CTG

E K P * EcoRI
GAA AAG CCA TGA GAATTC

Figure 4

p3.1ZeoIg_ Length: 705

Translation

HindIII Signal M A T L V L S S M P C H W
AAGCTT GCCACC ATG GCC ACA CTG GTG CTG TCT TOC ATG CCC TGC CAC TGG

L L F L L L L F S G E P V P A M T
CTG TTG TTC CTG CTG CTG CTC TTC TCA GGT GAG CCG GTA CCA GCA ATG ACA

S S D L P L N F Q G S P C S Q I W
AGC AGT GAC CTG CCA CTG AAT TTC CAA GGA AGC CCT TGT TOC CAG ATC TGG

Q H P R F A A K K R S S M V K F H
CAG CAC CCG AGG TTT GCA GCC AAA AAG CGG AGC TOC ATG GTG AAG TTT CAC

C Y T N H S G A L T W F R K R G S
TGC TAC ACA AAC CAC TCA GGT GCA CTG ACC TGG TTC CGA AAG CGA GGG AGC

Q Q P Q E L V S E E G R I V Q T Q
CAG CAG CCC CAG GAA CTG GTC TCA GAA GAG GGA CGC ATT GTG CAG ACC CAG

N G S V Y T L T I Q N I Q Y E D N
AAT GGC TCT GTC TAC ACC CTC ACT ATC CAA AAC ATC CAG TAC GAG GAT AAT

G I Y F C K Q K C D S A N H N V T
GGT ATC TAC TTC TGC AAG CAG AAA TGT GAC AGC GCC AAC CAT AAT GTC ACC

D S C G T E L L V L G F S T L D Q
GAC AGC TGT GGC ACG GAA CTT CTA GTC TTA GGA TTC AGC ACG TTG GAC CAA

L K R R N T L K D G I I L I Q T L
CTG AAG CGG CGG AAC ACA CTG AAA GAT GGC ATT ATC TTG ATC CAG ACC CTC

L I I L F I I V P I F L L L D K D
CTC ATC ATC CTC TTC ATC ATT GTG CCC ATC TTC CTG CTA CTT GAC AAG GAT

D G K A G M E E D H T Y E G L N I
GAC GGC AAG GCT GGG ATG GAG GAA GAT CAC ACC TAT GAG GGC TTG AAC ATT

D Q T A T Y E D I V T L R T G E V
GAC CAG ACA GCC ACC TAT GAA GAC ATA GTG ACT CTT CGG ACA GGG GAG GTA

K W S V G E H P G Q E * XhoI
AAG TGG TCG GTA GGA GAG CAT CCA GGC CAG GAA TGA CTCGAG

Figure 5

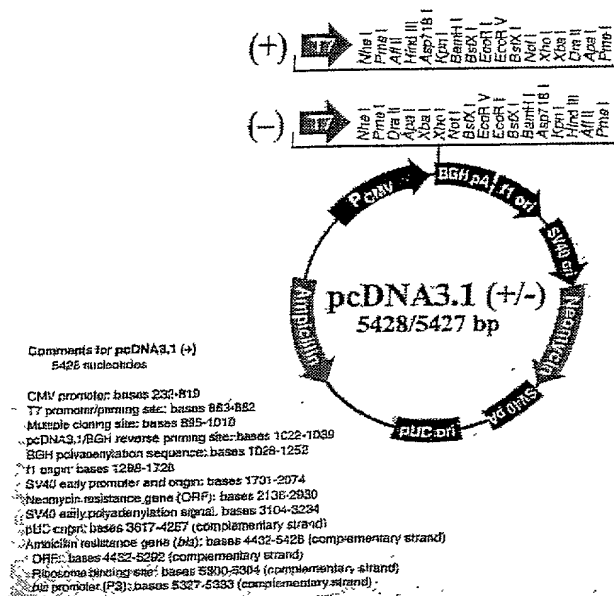


Figure 6

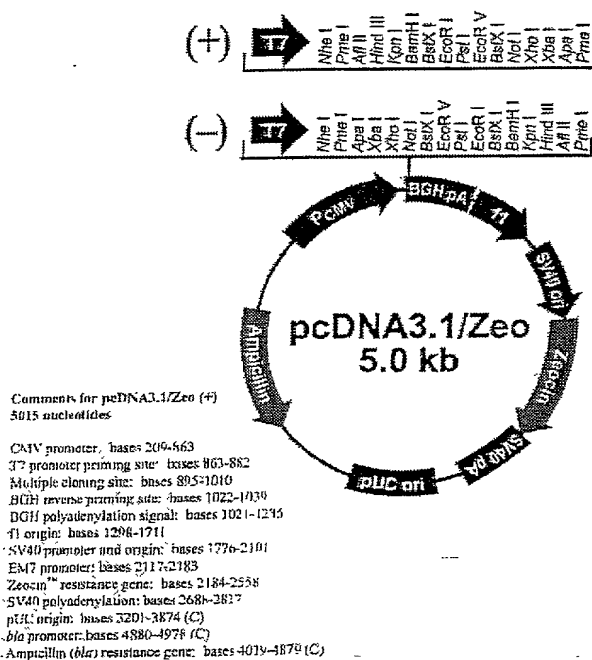


Figure 7.

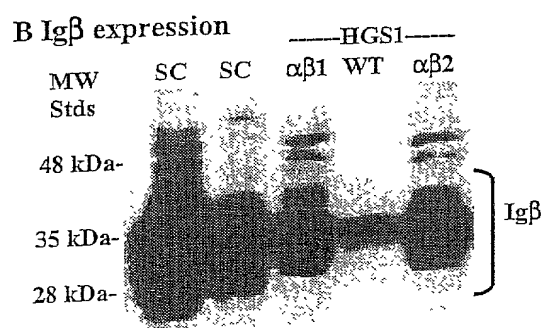
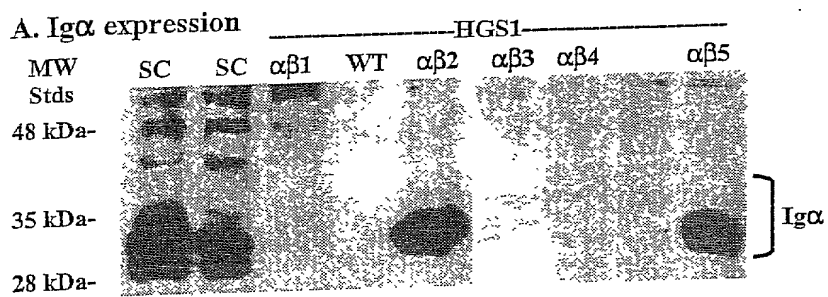


Figure 8

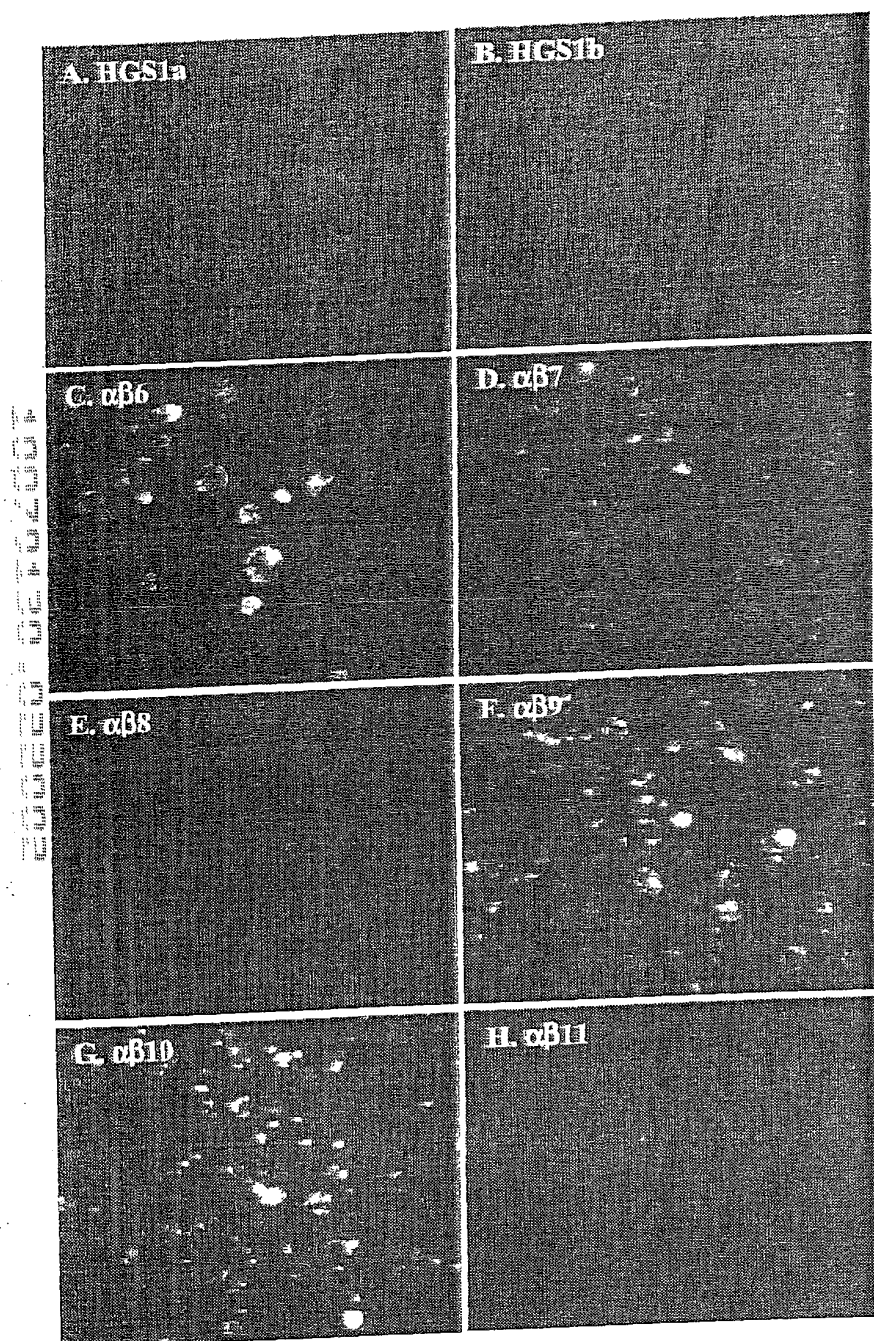


Figure 8 (continued)

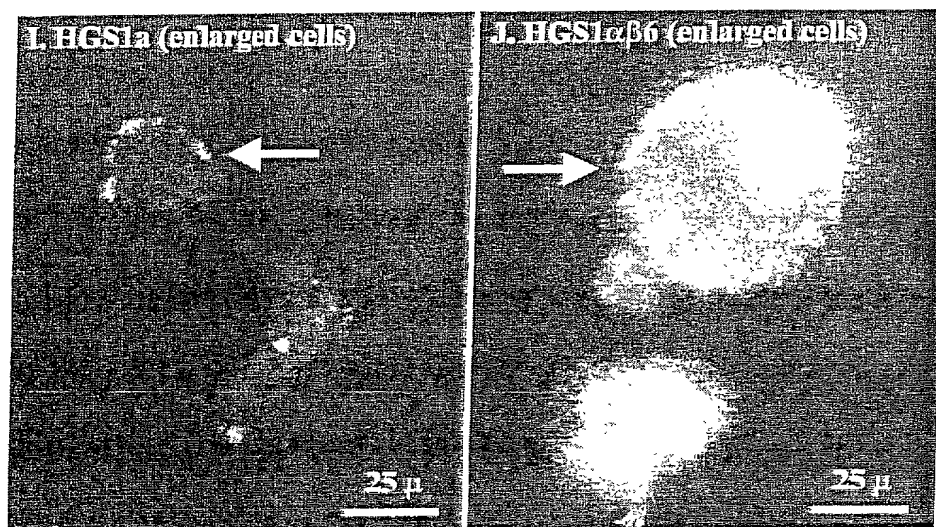
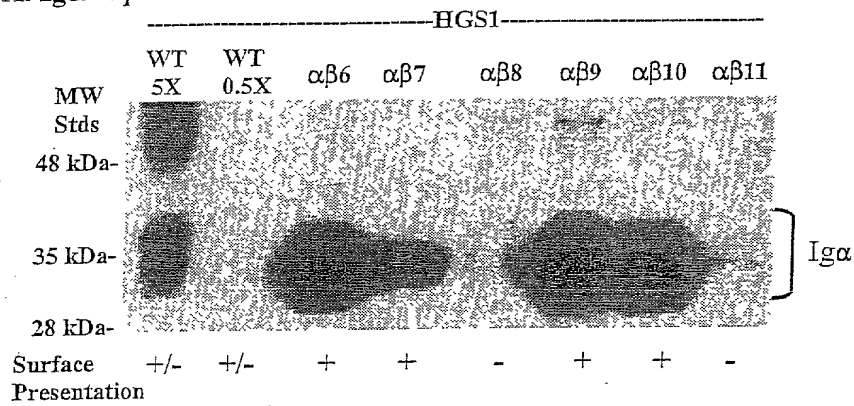


Figure 9

A. Ig α expression



B. Comassie stained protein

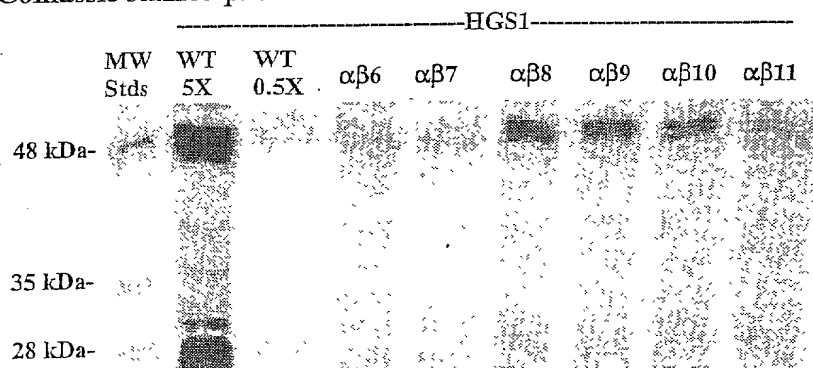


Figure 10

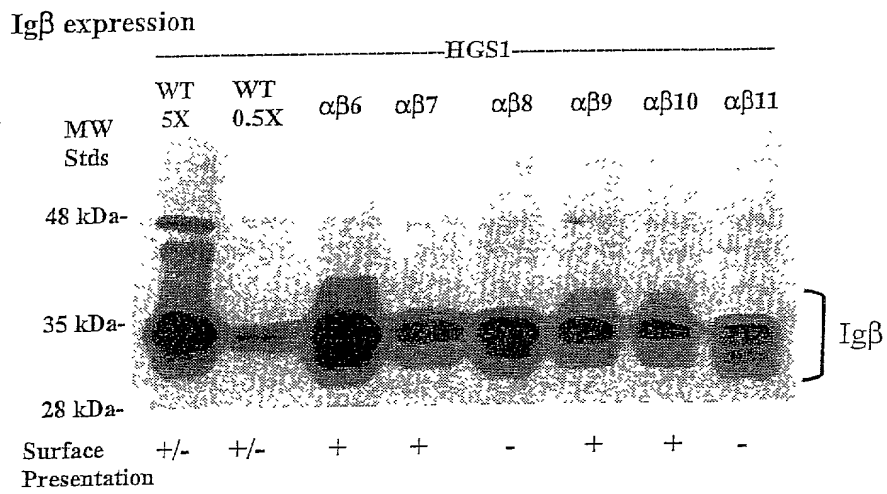


Figure 11

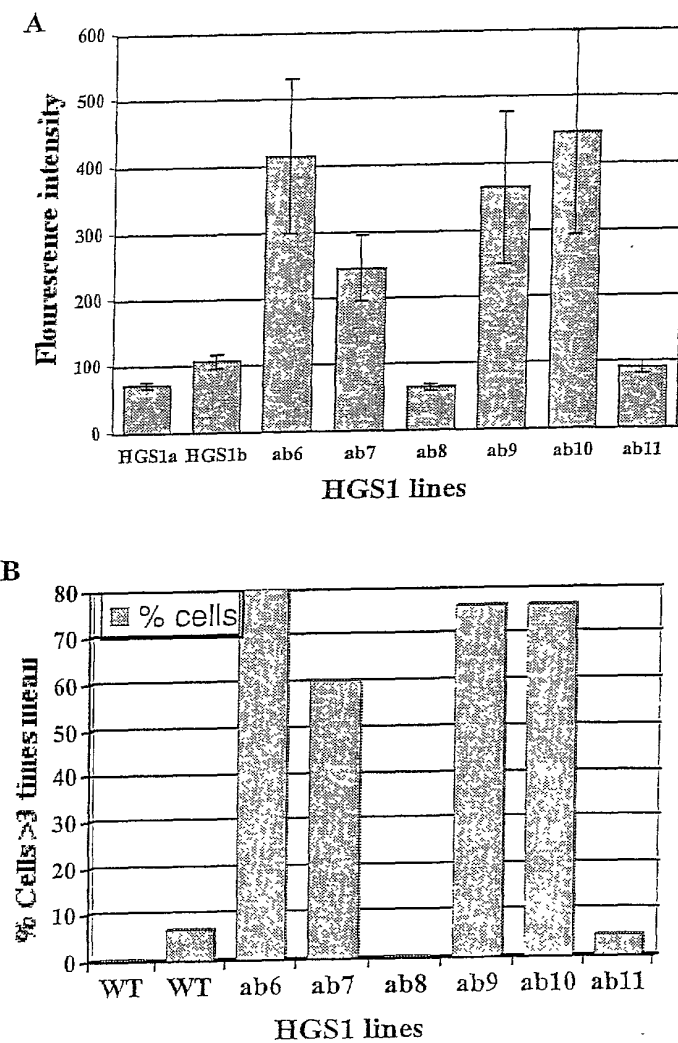


Figure 12

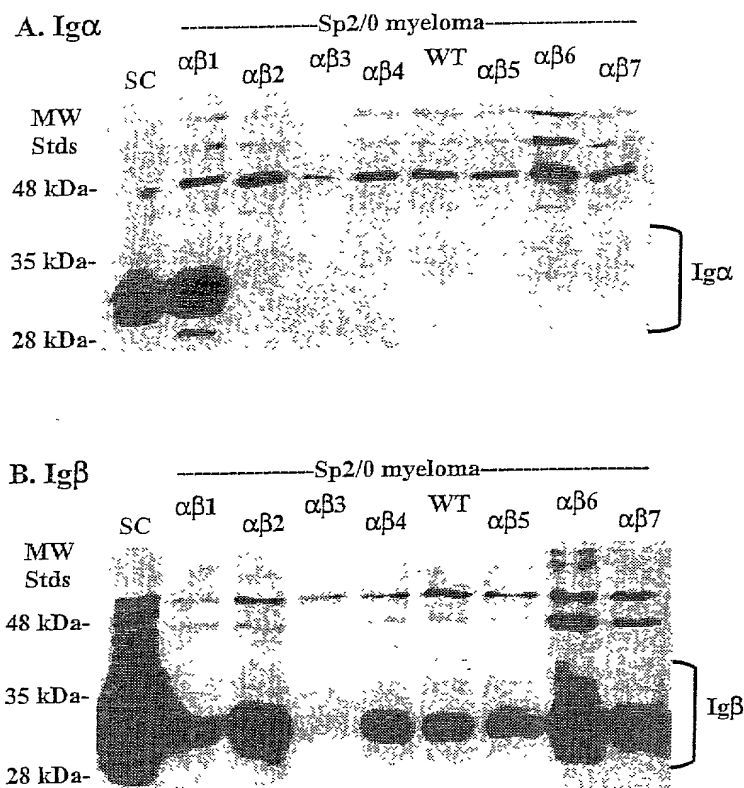


Figure 13

